

GENERAL TRENDS IN THE DEVELOPMENT OF MODERN
NATURAL SCIENCE, BY V. I. SIFOROV, 14 PP.

RUSSIAN, PER, VOPROSY FILOSOFII, NO 4, 1963,
PP 85-96.

JPRS 20464

SCI - MISC (CYBER)

AUG 63

237,718

On Principles of the Classification of Whole Systems, by
V. G. Afanas'yev, 19 pp.

RUSSIAN, per, Voprosy Filosofii, Vol XVII, No 5, 1963, pp 3x1 -43.

JPRS 22615

Sci-Biol & MEd
Jan 64

245, 574

Relationship of Structure and Elements, by L. O. Val't, 14 pp.

RUSSIAN, per, Voprosy Filosofii, Vol XVII, No 5, 1963, pp 44-53.

JPRS 226145

Sci-Biol & Med
Jan 64

245, 575

**On the Subject and the Structure of the Course , Principles of
Scientific Communism, by M. S. Dzhumusov, 9 pp.**

RUSSIAN, per, Voprosy Filosofii, Vol XVII, No 5, 1963, pp 118-123

JPAS 22615

**Sci-Biol & Med
Jan 64**

245, 573

S-1143/63

Do Many-Valued Calculi Occur in Logic?, by V. I. Svintsov
(SF-2948)

RUSSIAN, per, Voprosy Filosofii, Vol XVIII, 1963, No 5,
pp 167-169.

*JPRS

Sci - Misc
Dec 63

S-138/34

Psychology and Pedagogy, by L. V. Zankov. (DO-10334)

RUSSIAN, per, Voprosy Filosofii, No 6, 1963, pp 3-11.

*JPRS

Sci - Biol & Med Sci

March 64

S-138/64

Problems of Personality Formation in the School Child
in the Light of Upbringing Problems, by L. I. Boshovich.
(DC-10384)

RUSSIAN, per, Voprosy Filosofii, No 6, 1960, pp 18-22.

*JPRS

Sci - Biol & Med Sci
March 64

S-138/64

Personality Psychology and Social Practice, by ~~Academy~~
A. G. Kovalev, V. N. Myasishchev. (DC-10354)

RUSSIAN, per, Voprosy Filosofii, No 6, 1963, pp 23-34.

*JPRS

Sci - Biol & Med Sci

March 64

S-138/61

Some Typologically Conditioned Differences in the
Course of Orientation and Executive Activity in Learning
Initial Labor Skills, by M. N. Shekhin. (DC-14334)

RUSSIAN, per, Voprosy Filosofii, No 6, 1963, p 35-71.

*JPRS

Sci - Biol & Med Sci
March 64

S-158/54

The Influence of Work Duration on the Dependence
of the Time of Reactions on the Intensity of Visual
Signals, by A. Ye. Ol'shannikova. (DC-10554)

RUSSIAN, per, Voprosy Filosofii, No 6, 1963, p. 58-60.

*JPRS

Sci - Biol & Med Sci
March 64

S-138/64

Physiology of Immediate Memory, by Ol'ga Bureskova,
Yan Buresh. (DS-10334)

RUSSIAN, per, Voprosy Filosofii, No 6, 1965, pp 43-75.

*JPRS

Sci - Biol & Med Sci

March 64

**Marxist-Leninist Cosmology and the Problem of Sign and
Meaning, by M. B. Mitin, 13 pp.**

RUSSIAN, per, *Uspeniy* Filosofi, Vol XVII, No 6, 1963, pp 13-21.

JPRS 22825

**Sci-Misc
Jan 64**

247, 071

The Subject and Methods of Modern Biophysics, by Yu. N. Poly-
anskiy, 7 pp.

RUSSIAN, per, ^{Ray}Vop Fillosofi, Vol XVII, No 6, pp 155-158.

JPRS 22830

Sci-Biol & MED
Jan 64

247, 0169

A Review of Social Sciences and Communism, by V. Zh. Kelle,
M. Ya. Koval'zon, 12 pp.

RUSSIAN, per, Vop Filosoffi, Vol XVII, No 6, pp 161-167.

JPRS 22826

Sci-Misc
Jan 64

247, 070

FAILURE OF THE NEOPOSITIVIST CONCEPT OF SCIENTIFIC
AND THEORETICAL KNOWLEDGE BY V. S. SHVYREV, 17 PP.

RUSSIAN, PER, VOPROSY FILOSOFII, NO 7, 1963,
PP 97-109.

JPRS 21747

SCI-MISC
NOV. 63

241,604

PROGRAMMING CONCRETE SOCIAL RESEARCH, BY A. G.
ZDRAVOMYSLOV, X V. A. YADOV, 25 PP

RUSSIAN, PER, VOPROSY FILOSOFII, VOL XVII, NO 8,
1963, PP 74-83.

JPRS 21807

SCI - MISC
NOV 63

242,074

GNOSIOLOGICAL DESCRIPTION OF CYBERNETIC MODELS,
BY I. V. NOVIK, 31 PP.

RUSSIAN, PER, VOPROSY FILOSOFII, VOL XVII, NO 8,
1963, PP 92-103.

JPRS 21307

SCI - MISC

NOV 63

242,075

THE STRUCTURE AND FUNCTION OF LIVING MATTER ON
THE ~~MOLECULAR~~ MOLECULAR LEVEL, BY R S KARPINSKAYA,
15 PP.

RUSSIAN, PER, VOPROSY FILOSOFII, VOL XVII, NO 8,
1963, PP 104-114.

JPRS 218006

~~SCI~~ SCI - MISC
NOV 63

242,089

CORRELATION BETWEEN FORMS OF MOTION AND FORMS OF
MATTER IN NATURE, BY YE. F. SOLOPOV, 16 PP.

RUSSIAN, K PER, VOPROSY FILOSOFII, VOL XVII, NO 8,
1963, PP 143-154.

JPRS 21806

SCI - MISC

242,090

NOV 63

CHARACTERISTICS OF THE MODEL EXPERIMENT, BY
V. A. SHTOFF, 16 PP.

RUSSIAN, PER, VOPROSY FILOSOFII, NO 9, 1963,
PP 40-50.

JPRS 22105

SCI-MISC
DEC 63

243,319

CAUSALITY IN SOCIOLOGY AND CRITIQUE OF FUNCTIONALISM,
BY M. SH. BAKHITOV, 14 PP.

RUSSIAN, PER, VOPROSY FILOSOFII, NO 9, 1963,
PP 73-88.

JPRS ~~22105~~ 22105

SCI-MISC
DEC 63

243,320

The Gnosiological Nature of Information Modelling, by
V. M. Glushkov, 9 pp.

Vol. xvn,
RUSSIAN, per, Voprosy Filosofii, No 10, 1963, pp 13-18.

JPRS 22518

Sci-Misc
Jan 64

245, 434

Slastenko, E. N.

THE DISTRIBUTION OF PRODUCTIVE FORCES AND
THE EFFACING OF DIFFERENCES BETWEEN
TOWN AND COUNTRYSIDE. Feb 64, 9p
Order from AGS \$1.00 in Soviet Geography: Review and
Translation, v. 5, no. 2, p. 24-32.

Trans. of Voprosy Filosofii (USSR) 1963 [v. 17] no. 11,
p. 66-74.

(Earth Sciences--Geography, TT, v. 12, no. 2)

TT-64-12542-2 (p. 24-32)

I. Slastenko, E. N.
II. American Geographical
Society, New York

Office of Technical Services

The Concept of Information in the Light of
Lenin's Theory of Reflection, by N. I. Zhukov,
12 pp.
RUSSIAN, per, Voprosy Filosofii, No 11,
1963, pp 153-161.
JPRS 26012

Sci - Misc
Aug 64

265,897

Some Timely Problems in Social Psychology, by
V. N. Kolbanovskiy, 14 pp.
RUSSIAN, per, Voprosy Filosofii, Vol XVII, No 12,
1963, pp 16-25.
JPRS 24395

Sci-Med
May 64

257,438

Modeling of Information and Programs in Complex
Systems, by N. M. Amosov, 14 pp.
RUSSIAN, per, Voprosy Filosofii, Vol XVII, No 12,
1964, pp 26-34.
JPRS 24395

1963

Sci-Med
May 64

257,435

The Problem Requires Further Collective Investigations, by B. S. Ukraintsev, 10 pp.
RUSSIAN, per, Voprosy Filosofii, Vol XVII, No 12,
1963, pp 160-164.
JPRS 24395

Sci-Med
May 64

257,436

Philosophical Investigations in the Problems of
Engineering Psychology, by L. B. Itel'son, 6 pp.
RUSSIAN, per, Voprosy Filosofii, Vol XVII, No 12,
1963, pp 165-167.
JPRS 24395

Sci-Med
May 64

257,437

Classification of Matter and Motion in Marxist
Philosophy, by A. I. Ignatov, 16 pp. (SE-3095)
RUSSIAN, per, Voprosy Filosofii, Vol XVIII,
No 1, 1964.
JPRS 24562

Sci - Misc
May 64

259, 188

Methodology for Research in Structures and Systems, by A. G. Spirkin, B. V. Sazonov, 8 pp.
RUSSIAN, per, Voprosy Filosofii, Vol XVIII,
No 1, 1964.
JPRS 244562 (SF-3095)

Sci - Misc
May 64

259, 189

On the Elaboration of a Theory of Scientific
Knowledge, by N. P. Ovchinnikov, 18 pp.
RUSSIAN, per, Voprosy Filosofii, No 2,
19 Feb 1964, pp 14-24.
JPRS 24941

Sci - Misc
Jun 64

260,749

The Reflection "Cellule" and Reflection as a Property
of All Matter, by V. S. Tyukhtin, 16 pp.
RUSSIAN, per, Voprosy Filosofii, No 2, 1964,
pp 25-34.
JPRS 25222

USSR
Soc
Jun 64

261,301

Sociological Research and Criminology, by
B. S. Utevaliy, 9 pp.
RUSSIAN, per, Voprosy Filosofii, No 2, 1964,
pp 46-51.
JPRS 25222

USSR
Soc
Jun 64

261,302

Bourgeois Sociology and the Myth of Excess
Free Time, by G. S. Petrosyan, 16 pp.
RUSSIAN, per, Voprosy Filosofii, No 2,
1964, pp 52-61. ✓
JPRS 24941

Sxcl - Misc
Jun 64

260,750

S-593/64

The Interrelation of Information and System,
by L. A. Petrushenko. (DC-10510)

RUSSIAN, per, Voprosy Filosofii, No 2, 1964,
pp 104-114.

*JPRS

Sci - Misc
21 May 64

Mathematical Logic and Contemporary Formal
Logic, by A. A. Vetrov, 18 pp.
RUSSIAN, per, Voprosy Filosofii, No 2, 1964,
pp 115-125.
JPRS 24941

Sci - Misc
Jun 64

260,751

On the Problem of the Correlation of Modern
Formal Logic and Mathematical Logic,
by G. I. Ruzavin, 18 pp.

RUSSIAN, per, Voprosy Filosofii, No 2, 1964,
pp 126-137.

JPRS 24941-24941

Sci - Misc
Jun 64

260,2752

The Philosophical Significance of New Discoveries
in the Field of the Physics and Chemistry of
Living Beings, by V. I. Kremyanskiy, 22 pp.
RUSSIAN, per, Voprosy Filosofii, No 2, 1964,
pp 145-157.
JPRS 25222

USSR
Soc
Jun 64

261,303

S-338/64

(CC-10437)

Study of the Dialectics of the Idea is an Important
Problem for Dialectical Logic, by A. P. Sheptulin.
(AP- 4/3)

RUSSIAN, per. Voprosy Filosofii, No 2, 1964,
pp 171-173.

*JPRS

USSR

Soc

Apr 64

S-593/64

Technical Progress and the Worker, by
A. Ye. Gafit, Ye. V. Krut'ko, et al. (DC-10510)

RUSSIAN, per Voprosy Filosofii, No 2, 1964,
pp 178, 179.

*JPRS

Sci - Misc
21 May 64

Problems of Methodology in the Natural Sciences,
by B. M. Kedrov, 17 pp.
RUSSIAN, per, Voprosy Filosofii, No 3, 1964,
pp 38-49.
JPRS 24979

Sci - Med
Jun 64

260,785

An Experiment in Concrete Research on Attitudes
Towards Labor, by A. G. Zdravomyslov,
V. A. Medov.
RUSSIAN, per, Voprosy Fil, No 4, 1964, pp 72-84.

CDSF
Vol XVI, No 24, pp 12-17.

TEBR
Econ
Jan 65

S-509/64

Systems and Information, by W. Ross Ashby. SF-3166

RUSSIAN, per, Voprosy Filosofii, Vol XVIII,
No 3, 1964, pp 78-85.

*JPRS

Sci - Math & Data Proc
May 64

The Political and Ideological Adaptation of the
Catholic Church Second Vatican Council and the
Problem of Aggiornamento, by L. N. Velikovich, 18 pp.
RUSSIAN, per, Voprosy Filosofii, No 4, 1964,
pp 134-144.
JPRS 25514

WW
Soc, Pol
Jul 64

264,154

Causes of Religious Survival and the Means
for Its Elimination, by Ye. A. Karpovskiy, 16 pp.
RUSSIAN, per, Voprosy Filosofii, No 4, 1964,
pp 145-156.
JPRS 25212

USSR
Soc
Jun 64

262,070

Bring the Theory of Scientific Atheism up to
the Level of Current Requirements, 15 pp.
RUSSIAN, per, Voprosy Filosofii, No 5, 1964,
pp 3-12.
JPRS 25393

RUSSIA
Soc
Jul 64

263,288

Mathematical Simulation in Sociological Research,
by P. P. Maslov, 18 pp.
RUSSIAN, per, Voprosy Filosofii, No 5, 1964, pp 65-75,
JPRS 26705

Sci - M & DP
Dec 64

269,669

On the Cybernetic Approach to the Problem of Image,
by L. M. Vekker, M. G. Yaroshevskiy, 10 pp.
RUSSIAN, per, Voprosy Filosofii, No 5, 1964, pp 173-177.
JPRS 25761

Sci - Misc
Aug 64

264,719

Soviet Evaluation of Thomas Cooper's Atheistic
Materialism, by N. M. Goldberg, M. G. Yaroshevskiy,
13 pp.
RUSSIAN, per, Voprosy Filosofii, No 7, Jul 1964,
pp 130-140.
JPRS 27,361

USSR
Soc
Jan 65

271,517

**Soviet Scientists Discuss the Methodology and Planning
of Scientific Research, by B. P. Semkov, 6pp.
RUSSIAN, per, Voprosy Filosofii, No 7, 1964, pp 154-157.
JPRS 28070**

**Sci - Misc
Feb 65**

273,327

Militant Weapons of Atheistic Propaganda, by G. L.
Andreyev, A. D. Sukhov, et. al., 12 pp.
RUSSIAN, per, Voprosy Filosofii, No 7, Jul 1964,
pp 12 158-165.
JPRS 27,341

USSR
Soc
Jan 65

271,685

Precision Methods in Social Research, by Yu. A.
Levada, 18 pp
RUSSIAN, per, Voprosy Filosofii, No 9, 1964,
pp 13-24
JPRS 29365

USSR
Soc
Apr 65

277,461

From Structural Linguistics to Semiotics, by I.
I. Devnii, 16 pp
RUSSIAN, per, Voprosy filosofii, Vol XVIII, No
9, 1954, pp 43-53.
JPRS 29451

USOE
Sci-Math/Data Processing
Apr 65

277,600

Certain Sociological Aspects of Town Modeling, by
L. E. Kojan and V. I. Loktev, 13 pp
SINIKAS, per, Prosvetnyy filosofii, Vol XVIII, No
9, 64, pp 131-139
JPRS 29451

USSR
Soc
Apr 65

277,609

Philosophical Problems of Cybernetics, by
B. V. Kiryukov, A. G. Spirkin, 20 pp.
RUSSIAN, per, Voprosy Filosofii, No 9, 1964,
pp 111-119.
JPRS 23872

Sci-Math & Data Processing
Mar 65

276,130

S-1202/64

Selected Articles From the Russian Periodical
Problems of Philosophy, No 10, 1964. (SF-3465
RUSSIAN, per, Voprosy Filosofii, Moscow, No 10,
1964, pp 59-70; 71-82; 151-157.

*JPRS

Sci - Misc
Dec 64

Certain Methodological Problems of Model-
ing, by V. A. Venikov, 17 pp.
RUSSIAN, per Voprosy Filosofii, No 11, 1964,
pp 73-84.
JPRS 28829

Sci-Physics
Mar 65

275,868

Formulate Methodological Problems in Biology
with Greater Thoroughness, 11 pp.
RUSSIAN, per, Voprosy Filosofii, No 12, 1964,
pp 25-32.
JPRS 28908

Sci-Biol & Med
Mar 65

276,115

Theory of a Non-Linear Accelerator for
High Energy, by Yu. F. Orlov, 29pp.
RUSSIAN, Trans, of mono. Voprosy Fiziki
Elementarnykh Chastits [Physics of
Elementary Particles, Erevan]
CFSTI UCRL Trans-1071.

322,678

Sci - Metallurgy
Apr 67

Questions of Physics of the Atmosphere, by N. S.
Shishkin, 140 pp.

RUSSIAN, bk; Voprosy Fiziki Atmosfery.

Amer Meteorological Soc

Sci - Phys

Mar 62

The Motor Analyst, by L. S. Gambaryan, 170 pp.
RUSSIAN, bk, Voprosy Fizologii Dvigatel'nogo
Analizatora, Moscow, 1962.
OTS 63-11174
PL-480

Sci - Biol & Med Sci
Jun 64

260,394

Theory of a Non-Linear Accelerator for High
Energy, by Yu. P. Orlov, 28 pp.
RUSSIAN, per, Voprosy Fiziki Elementarnykh
Chastits, Ak Nauk Armyanskoy SSR, 1963, pp 508-526.
9224658
AEC-UCRL-Tr-1071

Sci-Phys
Sep 64

267,323

English Title unknown
Gosudarstvennyi Komitet Soveta Ministrov
SSSR po Ispol'zovaniyu Atomnoi Energii.
RUSSIAN, bk, Voprosy Fiziki Elementarnykh
Chastits. Izdatel'stvo Akademii Nauk
Armenianskoi SSR, Yerevan, 1963, pp 594.
*SFCST

USSR
SCI-Phy
Mar 65

English Title unknown

PHYSIOGRAPHIC ZONING OF THE URALS, BY A. A.
MAKUNINA, A. I. SOLOV'YEV, 10 PP.

RUSSIAN, PER, VOPROSY FIZ GEOGRAF SSSR, 1959,
CALL NO GB 236 G 99, ENG TRANS.

ARMY MAP SERVICE

USSR
GEOG
20 AUG 62

207,306

Physiographic Zones of the Western Putornana
Mountains, by N. I. Mikhaylov, 43 pp.

RUSSIAN, bk, Voprosy Fiz Geograf SSSR, 1959,
pp 5-37.

AMS

USSR
Geog
Oct 62

212,108

Alay and Separation of the Central Asian Mountains
Into Individual Mountain Systems, by N. A.
Gvozdetskiy, 4 pp. (extracts)

RUSSIAN, per, Voprosy Fiz Geograf SSSR, 1959,
pp 138-142, (Call No. GB 236 G99, Eng Trans)

AMS

USSR
Geog
Oct 62

Modern Aspects of Particle Physics, 1965, by Z. I. Alikhanyan, 521 pp.

RUSSIAN, mono. Voprosy Fiziki Elementarnykh Chastits, Erevan, 1963. Collection of Lectures Given at Session of the Spring School of Theoretical and Experimental Physics (No 3) held on 3-13 Apr 63 at Nor-Amberd. CPSTI 74-65-50130

313,235

Sci - Physics
Oct 66

(FDD 20578)

Introduction of the Book "Problems of Physiology of Interception," by K. M. Bykov, 2 pp.

RUSSIAN, Dr. Voprosy Fiziologii Interotseptsi, Vol I, Moscow/Leningrad, 1952, p 3.

CIA/FDD/U-5840

USSR
Sci - Med

13,122

Apr 54 CTS

(FDD 20579)

The Principle of Temporary Connections in the Physiology
of Interception, by E. Sh. Ayraxet'yants, 37 pp.

RUSSIAN, bk. Voprosy Fiziologii Interotseptsi, Vol I,
Moscow/Leningrad, 1952, pp 5-23.

CIA/FDD/U-5841

USSR

Sci - Med, physiology, reflexes

AT-1227

13,120

Apr 54 CTS

(FID 20580)

Effect of a Traumatic Injury of the Hypothalamus on
Interceptive Reflexes by R. S. Vinitzkaya, 24 pp.

~~RUSSIAN~~
RUSSIAN, bk, Voprosy Fiziologii Interotseptsi, Vol I,
Moscow/Leningrad, 1952, pp 152-165.

CIA/FID/U-5842

USSR

Sci - Med, physiology, reflexes

13,119 50-166 675 TR-2-5056
Apr 54 CTS

(FDD 20581)

The Influence of the Functional State of Certain ~~Brain~~
Divisions of the Central Nervous System on Interoceptive
Reflexes, by G. A. Kovalova, 50 pp.

RUSSIAN, bk. Voprosy Fiziologii Interotseptsii, Vol I,
Moscow/Leningrad, 1952, pp 236-284.

CIA/FDD/U-5843

USSR

Sci - Med, physiology, reflexes

Apr 54 CTS

13,117

(FDD 21462)

Interceptors and the Skeletal Musculature,
by O. S. Merkulova, 113 pp.

RUSSIAN, bk, Vop Fiziol Interotseptsii, Vol I,
Moscow/Leningrad, 1972, pp 323-395.

CIA/FDD/U-6360

USSR

Sci - Medicine

18,219

(FDD 21463)

Extinction of the Vegetative Reactions During
Excitation of Peripheral Apparatus of Various
Analyzers, by S. S. Muz Masdashnikova, 34 pp.

RUSSIAN, bk, Vop II Fiziol Interotseptsi,
Vol I, Moscow/Leningrad, 1952, pp 411-428.

CIA/FDD/U-6361

USSR

Sci - Medicine

500 411-428
18, 217

(FDD 20582)

The Effect of Inhalation of Carbon Dioxide and Oxygen
on the Interceptive Reflexes, by T. V. Popova, 30 pp.

RUSSIAN, bk. Voprosy Fiziologii Interseptsii, Vol I,
Moscow/Leningrad, 1952, pp 455-468.

CIA/FDD/U-5844

USSR

Sci - Med, respiration of carbon dioxide and oxygen

13,118

Apr 54 CTS

(FID 20583)

The Interceptive Reflexes Under the Conditions of Met-hemoglobinemia and of Hypoxia Induced by Administration of KCN, by T. V. Popova, 31 pp.

RUSSIAN, bk, Voprosy Fiziologii Interotseptii, Vol I, Moscow/Leningrad, 1952, pp 469-483.

CIA/FID/U-5845

USSR

Sci - Med, effects of poisons

13, 116

Apr 54 CTS

(FDD 21464)

Effect of Temperature Shifts in the Organism of
Interceptive Reflexes, by T. V. Popova, 36 pp.

RUSSIAN, bk, Vop Fiziol Interotsytsii, Vol I,
Moscow/Leningrad, 1952, pp 484-500.

CIA/FDD/U-6362

USSR
Sci - Medicine

18,218

(FDD 20584)

Interaction of the Exteroceptive and Interoceptive Conditioned Reflexes Under Normal Conditions and on Disturbance of Thyroid Function by Administration of Methylothiourea, by D. S. Tendler, 20 pp.

RUSSIAN, bk, Voprosy Fiziologii Interotsptsi, Vol I, Moscow/Leningrad, 1952, pp 505-514

CIA/FDD/U-5839

USSR

Sci - Med, physiology, reflexes, thyroid glands

Apr 54 CTS

13,121

(FDD 25748)

Problems of Interoceptive Physiology, 7 pp.

RUSSIAN, bk, Voprosy Fiziologii Interotseptsi,
Vol I, Moscow, 1952, pp 629, 630.

CIA/FDD/U-7297

USSR

Sci - Medicine, physiology

CTS 72/Sep 55

28,541

Principles for Determining the Dates for
Irrigation of Cotton from the Amount of Absorpti^{ve}
Power of the Leaves, by V. Shardakov,

RUSSIAN, per, Voprosy Fiz Kholpchestnika i Trav,
pp 5-32. 1957,

C.S.I.R.O. 4555

CTS-62-11905

Sci

Apr 60

115,338

Self Diffusion in Tantalum, by P. L. G. V. I.
Yr Meshkov, 3 pp. G-RUZIN

RUSSIAN, ~~par~~, Voprosy Fiz Metal i Metal Ak
Nauk Ukrain SSR, 1955, p 570.

AET Tr 2926

51,831

Sci - Physics
Aug 57

Influence of Tungsten on the Bonding Energies
in the Crystals of Alpha-Iron, by
G. Ya. Kozynskiy, 5 pp.

RUSSIAN, mono, Voprosy Fiziki Metalliv i
Metallovedeniya, 1956, pp 28-31.

SLA 60-16972

Sci
Vol IV, No 8
2 Jun 62

198,000

~~English~~
The Effect of Various Methods of Deformation on the
Crystal Structure of Niobium, by L.I. Lysak,
L.V. Tikhonov.

RUSSIAN, bk, ~~X78~~ Voprosy Fiziki Metallov i
Metallovedeniya, 1959, pp 27-35. CIA 9660830

ATIC MCL 452

Sci - Phys

May 61

152,866

Structural and Property Changes in Powder Metallurgy
Titanium During Rolling in a Vacuum, by A.K. Butylenko,
V.N. Gridnev, V.I. Trefilov.

RUSSIAN, bk, Voprosy Fiziki Metallov i Metallovedeniya,
1959, pp 89-97. CIA 9660830

ATIC MCL 452

Sci - Min/Met

May 61

152,868

Growth of Crystals in the Solid Phase, by
L. N. Larikov, 11 pp.

RUSSIAN, per, Voprosy Fiz Met i Metallov,
sbornik, No 10, 1959, pp 111-120.

MDF L-135
9092965

Sci
Nov 61

A Study of the System Cr-Nb-V, by V.N. Svechnikov,
Yu. A. Kocherzhinskiy, Ye. Ye. Maystrenko, et al.

RUSSIAN, bk, Voprosy Fiziki Metallov i Metallovedeniya,
1959, pp 120-132. CIA 9660830

ATIC MCL 452

Sci - Min/Met; Phys

May 61

152,869

Influence of Soluble Impurities on the Linear
Growth Rate of Recrystallization Centers, by
L. N. Larikov, 10 pp.

RUSSIAN, per, Voprosy Fiz Met i Metallov,
Sbornik, No 10, 1959, pp 121-129.

MDF L-136
9092967

Sci
Nov 61

Influences of Alloying and Heat Treatment on Elastic
Properties of Nickel Alloys, by I.G. Polotskiy,
T. Ya. Beniyeva.

RUSSIAN, bk, Voprosy Fiziki Metallov i Metallovedeniya
1959, pp 178-184. CIA 6660830

ATIC MCL 452

Sci - Min/Met

May 61

152,870

The Determination of the Diffusion Parameters of
Iron Along Grain Boundaries in Cobalt and Cobalt
Along Grain Boundaries in Copper, by
S. D. Gertsriken, T. K. Yatsenko, 7 pp.
RUSSIAN, per, Voprosy Fiz Metal i Metallov,
Ak Nauk S.S.R. Sbornik Nauch Rabot, No 11, 1960,
pp 117-120.

CIA/FDD XX-1616
NO FOREIGN DISSEM

Sci
Nov 64
USIB Internal Use Only

269,291

Study of the Effect of Plastic Deformation on the
Electrical Properties of Alloys of the Fe-Al System,
by I. Ya. Dekhtyar, S. G. Litovshenko, R. G.
Fedchenko.

RUSSIAN, per, Voprosy Fiz Metal i Metallov, Ak Nauk
SSSR, Sbornik Nauch Rabot Inst Metallofiz, No 11,
1960, pp 121-128.

RISI 2832

Sci - Phys, Min/Metals

203,578

Jul 62

list 136

The Influence of Hardening and Tempering on the
Fine Crystal Structure of Martensite, by
L. I. Lysak, 24 pp.

RUSSIAN, bk, Voprosy Fiziki Metallov i
Metallovedeniya, Sbornik Nauchnykh Rabot,
Izd-vo AN UKSSSR, No 12, Kiev, 1961, pp 21-36.
9678889

FTD-TT-62-625

Sci-Phys, Min/Met, Chem
Dec 62

217,630

Study of the Energy of Electrons in Metals
Utilizing the Phenomenon of Annihilation of
Positrons by Electrons, by I. Ya. Dekhtyar,
V. S. Mikhailenkov, 23 pp.

~~RUSSIAN~~, bk, ~~Voprosy Fiziki Metallov i~~
~~Metallovedeniya, Sbornik Nauchnykh Rabot,~~
~~Izd-vo AN UKSSR, No XII, Kiev, 1961, pp 46-60.~~

FTD-TT-62-625

Sci-Phys
Dec 62

217,623

Change in Coercive Force During Cyclic Heat
Treatment, by I. Y. Dekhtyar, K. G. Madatova.

RUSSIAN, per, Voprosy Fiz Metal i Metallov,
Ak Nauk Ukrain SSR, No 12, 1961, pp 73-87.

ILL M. 3639

Sci - Phys

201, 165

Aug 62

The Influence of Alloying Elements on Changes in
Mosaic Structure and Martensite Crystal-Lattice
Distortions, by L. I. Lysak, 15 pp.

RUSSIAN, bk, Voprosy Fiziki Metallov i
Metallovedeniya, Sbornik Nauchnykh Rabot,
Izd-vo AN UKSSR, No XII, Kiev, 1961, pp 124-134.

FTD-TT-62-625

Sci-Min/Mat, Phys, Chem
Dec 62

217,624

Calculation of the Roentgen Debayev Temperature of Crystals
With Face-Centered Cubic Lattice, by M. A. Krivoglaz,
7 pp.

RUSSIAN, per, Voprosy Fiz Metal i Metallov, No 13, 1961,
pp 35-43.

ACSI 1-3617
MX ID 2250322

Sci
PHYS
Mar 64

251,348

Effect of Heating Rate on the Temperature Intervals
of Conversions During Electroamealing of Steel, by
V. N. Gridnev, Yu. Ya. Meshkov, 6 pp.

RUSSIAN, bk, Voprosy Fiz Metall i Metallovedeniya,
No 14, 1962, pp 116-120. 9668565

FTD-TT-63-48

Sci-M & M
May 63

230,870

Electric Resistance of Ordered Alloys With
a Hexagonal Close-Packed Crystalline Lattice,
by Z. A. Marygina, A. I. Nosar¹, 7 pp.
RUSSIAN, per, Voprosy Fiziki Met i Metall,
BIMetal Sbornik Nauchnykh Rabot, No 14,
1962, pp 121-125. 9697447
FTD-TT-65-84

Sci - M/M
Aug 65

284,392

On the Existence of Martensite Crystal Formation
Centers Above the Point of Metastable Equilibrium,
by I. A. Arbusova, L. G. Khandros, 7 pp.

RUSSIAN, bk. Voprosy Fiz Metall i Metallovedeniya,
No 14, 1962, pp 147-151. 9668565

FTD-TT-63-48

Sci- M & M
May 63

230,871

Crystal Lattice Defects and X-Ray Scattering, by
V.M. Danilov and L.V. Titshenkov.

RUSSIAN, Eng, Vsesoyuznyi Fiziki Metallov i
Metallofizika, No.15, 1962, pp.3-19.

AF/AR-547

9701058-V

AF/AR-547

E. Sci
Aug 66

308,673

X-Ray Diffraction Study of the Structure of
Some Liquid Alloys of Indium with Lead
and Tin, by A. V. Romanova, A. S. Lashko.
RUSSIAN, per, Voprosy Fiziki Metallov i
Metallovedeniya, Vol 15, pp 87-10, 1962
AEC TR-Tr-1245 9229700

Sci-MMM
Nov 65

291,922